01-08-04

Please type a plus sign (+) inside this box -> + **Application Number** 10/621,625 TRANSMITTAL Filing Dat July 17, 2003 **First Named Inventor** Abtar Singh et al. (to be used for all correspondence after initial filing) Group Art Unit Unknown **Examiner Name** Unknown Total Number of Pages in This Submission Attorney Docket Number 4731-000001/COD ENCLOSURES (check all that apply) After Allowance Communication to **Assignment Papers** Fee Transmittal Form (for an Application) Group Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group Amendment / Response Licensing-related Papers (Appeal Notice, Brief, Reply Brief) After Final Petition Proprietary Information Petition to Convert to a Affidavits/declaration(s) Status Letter Provisional Application Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): Form HDP-1449 with references Terminal Disclaimer cited (2 Foreign Patent Express Abandonment Request Documents); and Request for Refund **Acknowledgment Postcard** Information Disclosure Statement CD, Number of CD(s) The Commissioner is hereby authorized to charge any Certified Copy of Priority additional fees that may be required under 37 CFR 1.16 or 1.17 Document(s) Remarks to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. Response to Missing Parts/ Incomplete Application \*\*THIS IS A SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Reg. No. Attorney Name Harness, Dickey & Pierce, P.L.C. Michael Malinzak 43,770 Individual name Signature January 7, 2004 Date CERTIFICATE OF MAILING/TRANSMISSION I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below. Express Mail Michael Malinzak Typed or printed name EV 406 075 731 US (1/7/2004) Label No. Signature Date January 7, 2004

| TO A NOBALTT A L  |  | Applicati n Numb r                      |                                       | 10/621,625                                  |   |
|---|--|---|---------------------------------------|---|---|
| TRANSMITTAL   | Filing Dat   |   | July 17, 2003                         |   |   |
| FORM  | First Named Invent r   |   | Abtar Singh et al.                    |   |   |
| be used for all correspondence after initial filing)  |  | Group Art Unit                          | Group Art Unit                        |   | vn  |
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| otal Number of Pages in This Submission   |  | Attorney Docke                          | et Number                             | 4731-0                                      | 00001/COD   |
|   | ENCLO  | OSURES (check al                        | ll that apply)                        |   |   |
| Fee Transmittal Form  |  | ment Papers<br>Application)             |                                       | Afte<br>Gro                                 | r Allowance Communication to up                                       |
| Fee Attached  | Drawin   | g(s)                                    |                                       |   | eal Communication to Board of<br>eals and Interferences               |
| Amendment / Response  | Licensi  | ng-related Papers                       |                                       |   | eal Communication to Group<br>neal Notice, Brief, Reply Brief)        |
| After Final   | Petition   | 1 .                                     |                                       | ☐ Prop                                      | orietary Information  |
| Affidavits/declaration(s)   |  | n to Convert to a<br>onal Application   |                                       | ☐ Stat                                      | us Letter   |
| Extension of Time Request   |  | of Attorney, Revoc<br>e of Corresponden |                                       | Other Enclosure(s) (please identify below): |   |
| Express Abandonment Request   |  | rminal Disclaimer<br>quest for Refund   |                                       |   | Form HDP-1449 with references cited (2 Foreign Patent Documents); and |
| Information Disclosure Statement  | CD, Nu   | umber of CD(s)                          |                                       |   | Acknowledgment Postcard   |
| Certified Copy of Priority Document(s)  | The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. |   |                                       |   |   |
| Response to Missing Parts/ Incomplete Application   |  |   |                                       |   |   |
| Response to Missing Parts under 37 CFR 1.52 or 1.53  **THIS IS A SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  |  |   |                                       |   |   |
| SIGNA   | TURE OF A  | APPLICANT. AT                           | TORNEY. OF                            | R AGEN                                      |   |
| Firm or Individual name  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Attorney Name Michael Malinzak  Attorney Name Michael Malinzak  43,770   |  |   |                                       |   |   |
| Signature   | Lu   | 14                                      |                                       |   |   |
| Date January 7, 2004  |  | V                                       | · · · · · · · · · · · · · · · · · · · |   |   |
| CERTIFICATE OF MAILING/TRANSMISSION   |  |   |                                       |   |   |
| I hereby certify that this correspondence is<br>addressed to: Director of the U.S. Pate<br>transmitted to the U.S. Patent and Tradem  | ent and Trac   | lemark Office, P.0                      | O. Box 1450,                          | l Service<br>Alexandri                      | as express mail in an envelope<br>a, VA 22313-1450, or facsimile      |
| Typed or printed name Michael Malin:  | 1  |   | ess Mail<br>No.                       | EV 406 075 731 US (1/7/2004)                |   |
| Signature   | 1/4  | Da                                      |                                       | January 7, 2004                             |   |

# PEN

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/621,625

Filing Date:

July 17, 2003

Applicant:

Abtar Singh et al.

Group Art Unit:

Unknown

Examiner:

Unknown

Title:

METHOD AND APPARATUS FOR REFRIGERATION

SYSTEM CONTROL HAVING ELECTRONIC

**EVAPORATOR PRESSURE REGULATORS** 

Attorney Docket:

4731-000001/COD

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

# I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

### II. <u>COPIES</u>

A.\_\_\_\_ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cited pending U.S. application, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. \_X\_\_ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number 09/539,563 10/061,703 10/146,848

U.S. Filing Date March 31, 2000 February 1, 2002 May 16, 2002

| no copies of the U.S. pate<br>listed on the attached For  | ents or U.S. patent appl<br>rm 1449 are enclosed<br>ny foreign patent docum   | eing filed after June 30, 2003, lication publications which are pursuant to the waiver of 37 nents or non-patent literature ewith.   |
|---|---|--|
| States. A copy of the Interinformation. The documer on the attached Form-1449 any patent resulting from the was from the US, EPO, o should have been supplied | rnational Search Report<br>nts listed on the Internat<br>9 for consideration by the<br>his application. Since the<br>or JPO search authoritie<br>I to the USPTO under the<br>I to the<br>I to<br>I to | e National Phase in the United is attached for the Examiner's ional Search Report are listed the Examiner and for listing on the International Search Reports, copies of these references the trilateral agreement and are lication. (MPEP 1893.03(g)) |
| CONCISE EXPLANATION   | OF THE RELEVANCE  | (check <u>at least</u> one box)  |
| AX Except as may be or other information are required).   | indicated below in (B),<br>in the English langua  | all of the patents, publications<br>ge (concise explanation not  |
|   |   | of each patent, publication or<br>anguage is as follows (see 37  |
|   | reign application:  | office communication from a  |
| CThe following ad-<br>consideration.  | ditional information is   | provided for the Examiner's  |
| CROSS REFERENCE TO  | RELATED APPLICATIO  | N(S)   |
| contain(s) subject matter   | that may be related to<br>cation(s) to the Exam   | ing co-pending application(s)<br>the present application. By<br>iner's attention, Applicant(s)<br>35 U.S.C. § 122.   |
| <u>Serial No.</u>   | Filing Date   | Art Unit   |

Filing Date

III.

IV.

Art Unit

V. THIS IDS IS BEING FILED UNDER

| A <u>X</u> _ | _37 C.F.R. § 1.97(b): (check <u>only</u> one box)  |
|--------------|--|
|              | 1 within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required.   |
|              | 2 within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required.   |
|              | 3. X before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p). |
|              | 4 before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required.  |
| В            | _37 C.F.R. § 1.97(c): (check only one box)   |
|              | before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution.  |
|              | 1No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).  |
|              | 2See the certification below. No fee is required.  |
| C            | 37 C.F.R. § 1.97(d):   |
|              | after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee.  |
|              | 1See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).  |

| VI.   | CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box)   |
|-------|---|
|       | The undersigned hereby certifies that:  |
|       | A each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or  |
|       | B no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)).  |
|       | CSome of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS. |
| VII.  | STATEMENT UNDER 37 CFR 1.704(d)   |
|       | The undersigned hereby states that:   |
|       | each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS.  |
| VIII. | PAYMENT OF FEES (check only one box)  |
|       | A A check in the amount of \$180.00 is enclosed for the above-identified fee.   |
|       | BPlease charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.   |

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: <u>San 7, 2004</u>

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

MM:ca

Serial No. 10/621,625

# FORM HDP-1449 (Based on Form PTO-1449)

# PATENT AND TRADEMARK OFFICE

(se several sheets if necessary)

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Sheet 1 of 1

| ATTORNEY DOCKET No. | SERIAL NO. |
|---------------------|------------|
| 4731-000001/COD     | 10/621,625 |
| APPLICANT           |            |
| Abtar Singh et al.  |            |
| FILING DATE         | GROUP      |
| July 17, 2003       | Unknown    |

| U.S. F         | U.S. PATENT DOCUMENTS  |                    |         |                 |                    |                                 |
|----------------|------------------------|--------------------|---------|-----------------|--------------------|---------------------------------|
| Ref.<br>Desig. | Examiner's<br>Initials | Document<br>Number | Date    | Name            | Class/<br>Subclass | (If appropriate)<br>Filing Date |
| 1.             |                        | 4,084,388          | 4-1978  | Nelson          |                    |                                 |
| 2.             |                        | 4,504,010          | 3-1985  | Sukimoto et al. |                    |                                 |
| 3.             |                        | 4,951,475          | 8-1990  | Alsenz          |                    |                                 |
| 4.             |                        | 5,161,388          | 11-1992 | Fujita et al.   |                    |                                 |
| 5.             |                        | 5,709,097          | 1-1998  | Kim et al.      |                    |                                 |
| 6.             |                        | 6,047,557          | 4-2000  | Pham et al.     |                    |                                 |

| FOREIGN PATENT DOCUMENTS |                     |                    |            |               |                    |                    |    |
|--------------------------|---------------------|--------------------|------------|---------------|--------------------|--------------------|----|
| Ref.<br>Desig.           | Examiner's Initials | Document<br>Number | Date       | Country       | Class/<br>Subclass | Translation<br>Yes | No |
| 1.                       |                     | GB 2 232 784 A     | 19-12-1990 | Great Britain |                    |                    |    |
| 2.                       |                     | WO 97 37545 A      | 16-10-1997 |               |                    |                    |    |

| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) |                        |  |  |  |
|--|------------------------|--|--|--|
| Ref.<br>Desig.   | Examiner's<br>Initials |  |  |  |
| 1.   |                        |  |  |  |

| Examiner: | Date Considered: |
|-----------|------------------|
|           |                  |